

**REMARKS**

A replacement for the second paragraph of page 1 is submitted herewith which includes the updated information concerning the status of the patent applications recited in that paragraph. The claims have now been amended to overcome the informality objections noted on pages 2 and 3 of the Office Action.

The examiner has rejected claims 1-8 and 17 under the first paragraph of 35 U.S.C. 112 as failing to comply with the enablement requirement. Applicants respectively submit that the enablement requirement has been overcome by amending claims 1 and 17 to insure internal consistency within each claim and to bring them into conformity with the language of the specification.

The examiner also rejected claims 1-17 under the second paragraph of 35 USC 112 as being indefinite. Again, the applicants respectfully submit that the amendments to claims 1, 9 and 17 overcome the rejections. Accordingly, claim 1 has now been amended to reconcile the contradiction between "the early or late outputs from the edge location detector" recited in lines 7-8 with "a generator for creating an early and a late signal" in line 4. Claim 9 has been amended by changing "edge location detector" to "detected edge location". Claim 17 has also been amended to overcome the problems recited by the examiner.

With respect to the double patenting rejection, the applicants are willing and prepared to file a terminal disclaimer both with respect to copending application No. 2004/0066871 and claim 9 of the instant application. Likewise, they are willing to file such a disclaimer with respect to any overlapping subject matter covered by claim 9 and any allowed claims of patent application No. 2002/0009170.

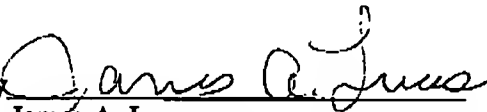
Applicants submit that the amendment to independent claims 1, 9 and 17 now places the claims in condition for allowance. Along with the patentability of the independent claims, all of the dependent claims should be deemed to be patentable as well. Accordingly, the examiner is encouraged to allow all claims presently in the application.

Applicants have now complied with all of the requirements that were stated in the February 4, 2005 Office action. Accordingly, reconsideration and allowance are now respectfully requested.

Respectfully submitted,

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